

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-17. (canceled)

18. (previously presented) The method according to claim 31, in which the composition is a composition for complete nutrition of infants.

19. (previously presented) The method according to claim 31, in which the composition is a composition for complete nutrition of diseased or elderly persons.

20. (canceled)

21. (previously presented) The method according to claim 31, in which the composition further contains at least 0.55 mg of niacin and/or at least 0.08 mg of riboflavin and/or at least 55 µg of thiamine per 100 kcal.

22. (previously presented) The method according to claim 31, in which the composition further contains more than 50 mg of choline or betaine or the sum thereof, and/or at least 5 mg of taurine, and/or at least 50 mg of methionine per 100 kcal.

23. (previously presented) The method according to claim 31, in which the composition further contains 0.05-8 g of

tryptophan and/or 30-3000 mg of melatonin and/or 50-1000 mg of adenosine per 100 kcal.

24. (previously presented) The method according to claim 31, in which the composition further contains 5-400 mg magnesium and/or 0.7-100 mg zinc per 100 kcal, and calcium, and having a weight ratio of magnesium plus zinc to calcium of higher than 0.08.

25. (previously presented) The method according to claim 31, in which the composition contains 9-15 g of carbohydrates per 100 kcal.

26-27. (canceled)

28. (previously presented) The method according to claim 33, in which the supplement further contains per daily dosage unit, at least 0.5 mg riboflavin and/or at least 1.0 mg thiamine and/or at least 2 mg niacin and/or at least 0.3 g tryptophan, at least 0.5 g melatonin, at least 50 mg adenosin, at least 50 mg choline and/or betaine and/or at least 100 mg methionine and/or at least 0.03 mg vitamin K and at least 5 g of digestible carbohydrates.

29. (currently amended) A pharmaceutical composition suitable for the treatment ~~or prevention~~ of serotonin- or melatonin-mediated disorders, the composition comprising carbohydrates, fats and proteins, and containing more than 44 µg up to 4000 µg of folic acid, more than 0.8 µg up to 2000 µg of

vitamin B12 and more than 50 ug up to 10,000 µg of vitamin B6 per 100 kcal of said carbohydrates, fats and proteins, and further containing at least one of riboflavin, thiamine, niacin and zinc.

30. (previously presented) The method of claim 31, comprising administering an amount of at least 200 µg of folic acid, at least 2 µg of vitamin B12 and at least 2 mg of vitamin B6 per daily dosage.

31. (currently amended) A method ~~of treatment or prevention of~~ for treating serotonin- or melatonin-mediated disorders, comprising administering to a person in need of such treatment a composition for complete nutrition comprising carbohydrates, fats and proteins, the composition further containing an effective amount of a combination of more than 44 µg up to 4000 µg of folic acid, more than 50 µg up to 10,000 µg of vitamin B6 and more than 0.8 µg up to 2000 µg of vitamin B12 per 100 kcal of said carbohydrates, fats and proteins and at least one component selected from the group consisting of riboflavin, thiamine, niacin and zinc.

32. (previously presented) The method of claim 31, in which the serotonin- or melatonin-mediated disorders comprise mood and sleeping disorders.

33. (currently amended) A method ~~of treatment or prevention of~~ for treating serotonin- or melatonin-mediated disorders in diseased or elederly persons, comprising

administering to a person in need of such treatment a supplement composition which contains, in a daily dosage unit, at least 200 µg folic acid, at least 1.9 µg vitamin B12 and at least 0.3 mg vitamin B6, and at least one component selected from the group consisting of riboflavin, thiamine, niacin and zinc.

34. (previously presented) The method of claim 33, in which the supplement composition contains at least 300 µg of folic acid, at least 4.8 µg of vitamin B12 and at least 3.0 mg of vitamin B6 per daily dosage.